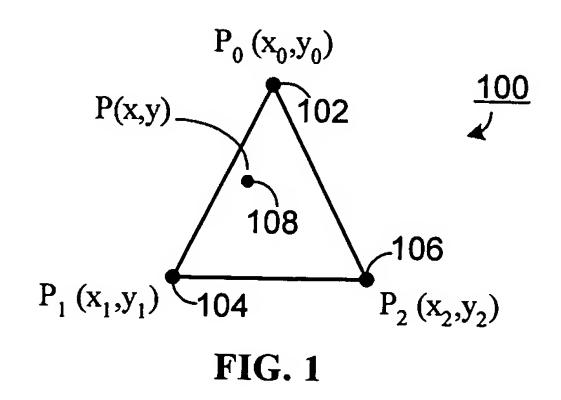
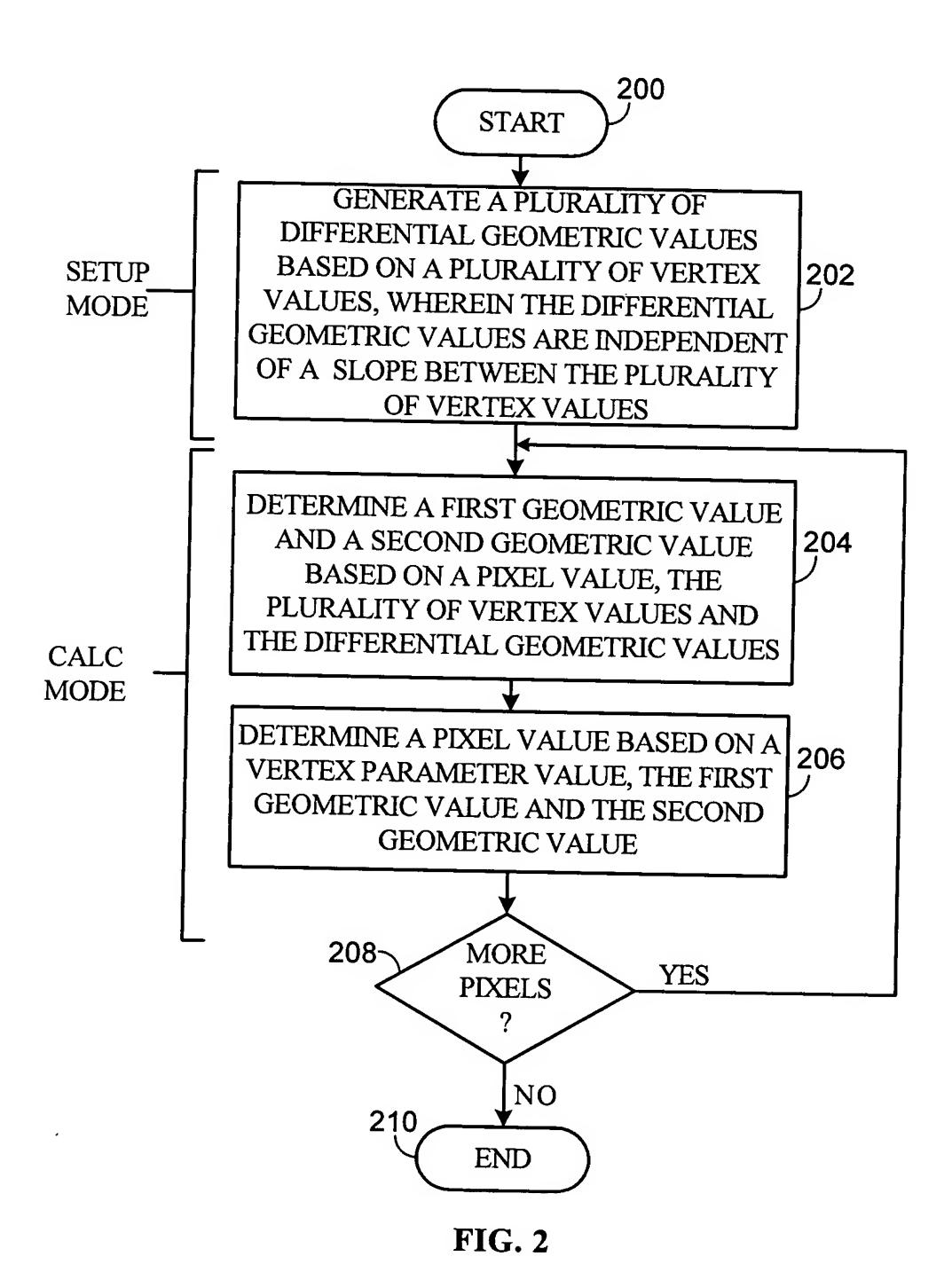
## METHOD AND APPARATUS FOR INTERPOLATING PIXEL PARAMETERS BASED ON A PLURALITY OF VERTEX VALUES Inventor: Andrew Gruber Atty. Docket No. 00100.02.0058



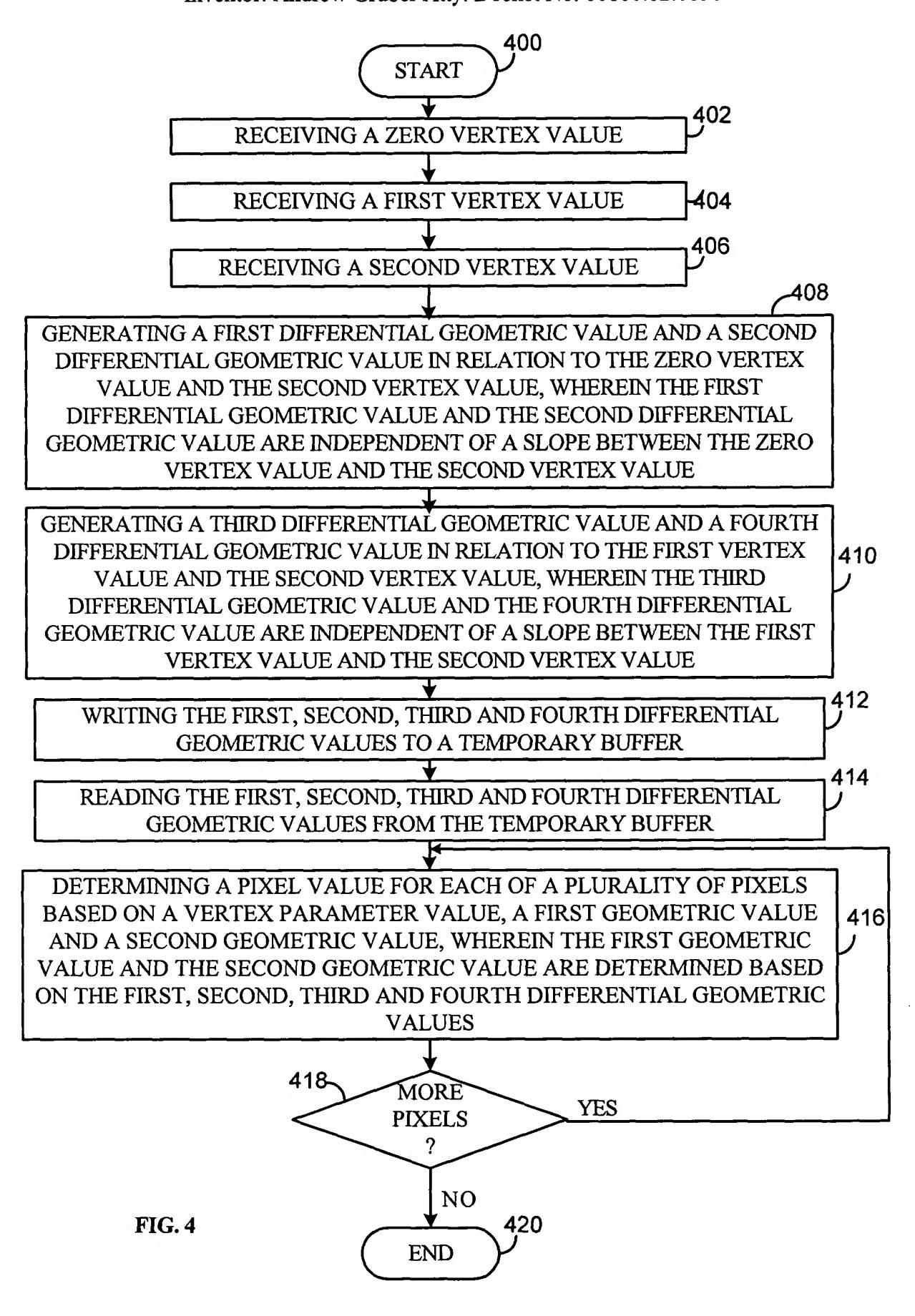


## METHOD AND APPARATUS FOR INTERPOLATING PIXEL PARAMETERS BASED ON A PLURALITY OF VERTEX VALUES Inventor: Andrew Gruber Atty. Docket No. 00100.02.0058

300 **START** DETERMINING THE SUM OF THE PRODUCT OF A FIRST -302DIFFERENCE AND A FIRST GENERATING A FIRST GEOMETRIC VALUE AND A 304 **DIFFERENTIAL GEOMETRIC** SECOND GEOMETRIC VALUE FOR THE SET OF VALUE AND THE PRODUCT OF VERTEX VALUES BASED ON A PIXEL VALUE, A A SECOND DIFFERENCE AND A FIRST VERTEX VALUE, A SECOND VERTEX VALUE SECOND DIFFERENTIAL AND A THIRD VERTEX VALUE, WHEREIN THE **GEOMETRIC VALUE** GEOMETRIC VALUES ARE INDEPENDENT OF A SLOPE BETWEEN THE PLURALITY OF VERTEX DETERMINING THE SUM OF **VALUES** THE PRODUCT OF THE FIRST 306 DIFFERENCE AND A THIRD DIFFERENTIAL GEOMETRIC VALUE AND THE PRODUCT OF THE FIRST DIFFERENTIAL VALUE IS THE THIRD DIFFERENCE AND A THE DIFFERENCE BETWEEN A FIRST FOURTH DIFFERENTIAL VERTEX PARAMETER VALUE AND THE **GEOMETRIC VALUE** ZERO VERTEX PARAMETER VALUE, THE DIFFERENCE DIVIDED BY A TWICE AREA VALUE AND THE SECOND DIFFERENTIAL VALUE IS THE 308 310 DIFFERENCE BETWEEN A SECOND VERTEX PARAMETER VALUE AND THE DETERMINING A PIXEL VALUE FOR ZERO VERTEX PARAMETER VALUE, EACH OF A PLURALITY OF PIXELS THE DIFFERENCE DIVIDED BY A BASED ON THE FIRST GEOMETRIC TWICE AREA VALUE. VALUE ADJUSTED BY A FIRST DIFFERENTIAL VALUE AND THE -312SECOND GEOMETRIC VALUE ADJUSTED THE TWICE AREA VALUE IS A BY A SECOND DIFFERENTIAL VALUE DIFFERENCE BETWEEN A PRODUCT OF A SUCH THAT THE PIXEL VALUE IS DIFFERENCE BETWEEN THE DETERMINED BASED ON THE PRODUCT FIRST PLANE SECOND VERTEX AND THE OF THE FIRST DIFFERENTIAL VALUE FIRST PLANE ZERO VERTEX AND THE FIRST GEOMETRIC VALUE PARAMETER AND A DIFFERENCE COMBINED WITH THE PRODUCT OF THE BETWEEN THE SECOND PLANE SECOND DIFFERENTIAL VALUE AND FIRST VERTEX PARAMETER AND THE THE SECOND GEOMETRIC VALUE SECOND PLANE ZERO VERTEX COMBINED WITH A ZERO VERTEX PARAMETER AND A PRODUCT OF A PARAMETER VALUE. DIFFERENCE BETWEEN THE FIRST PLANE ZERO VERTEX PARAMETER AND THE FIRST PLANE 314 FIRST VERTEX PARAMETER AND A **END** DIFFERENCE BETWEEN THE SECOND PLANE ZERO VERTEX PARAMETER AND A SECOND PLANE FIG. 3

SECOND VERTEX PARAMETER.

METHOD AND APPARATUS FOR INTERPOLATING PIXEL PARAMETERS BASED ON A PLURALITY OF VERTEX VALUES Inventor: Andrew Gruber Atty. Docket No. 00100.02.0058



## METHOD AND APPARATUS FOR INTERPOLATING PIXEL PARAMETERS BASED ON A PLURALITY OF VERTEX VALUES

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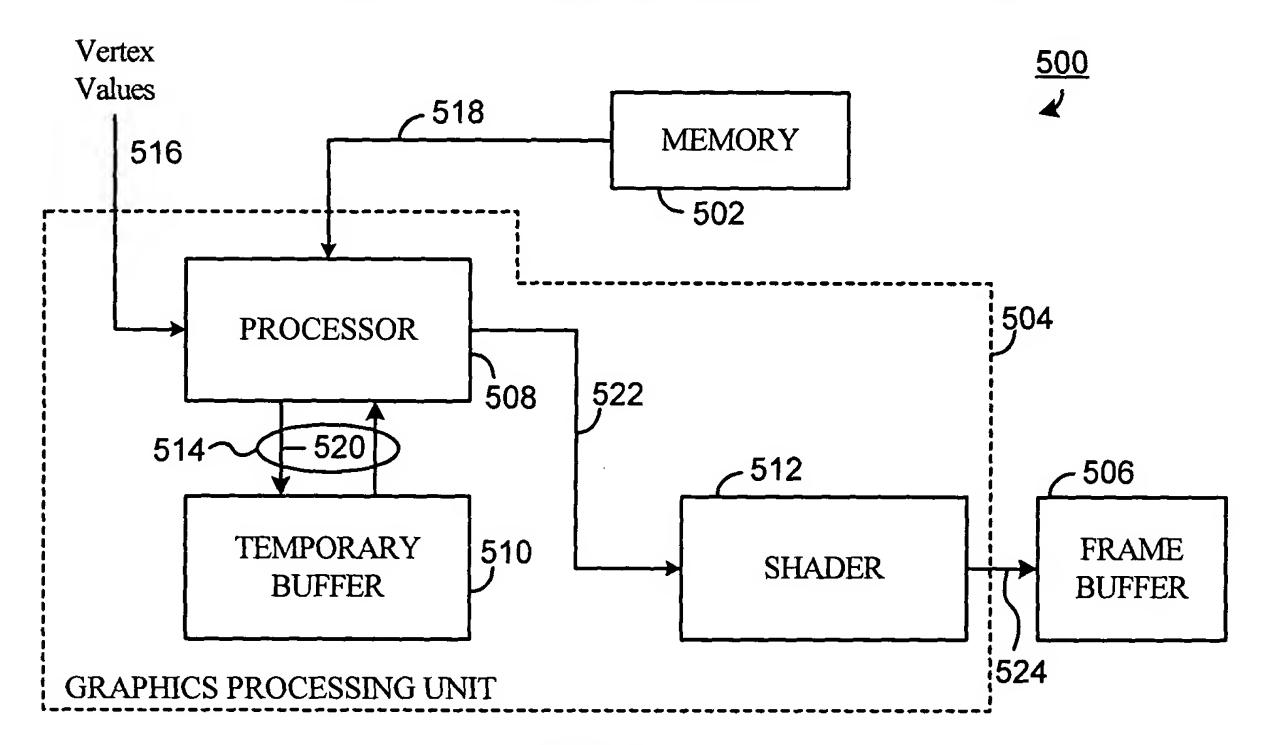


FIG. 5

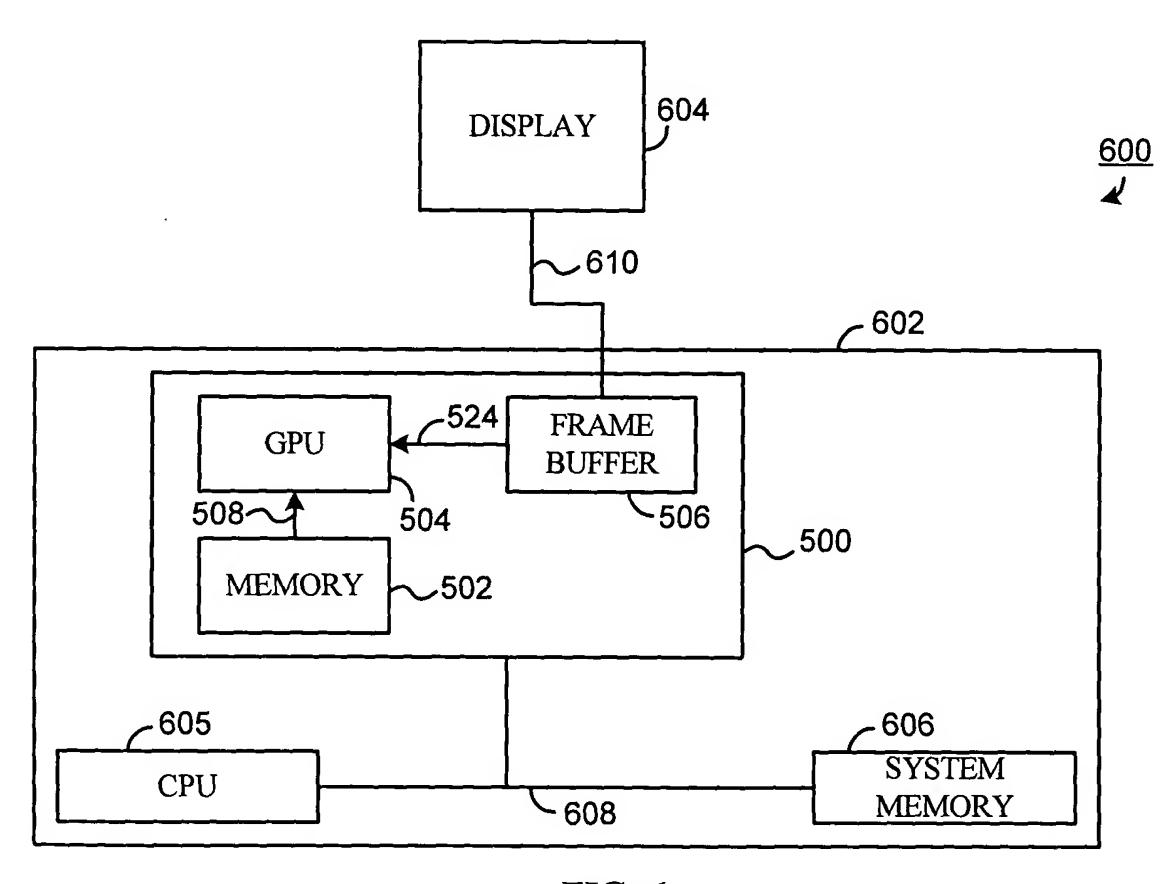


FIG. 6